

sub. 1. A window display device which displays image data on a  
E 2 display screen, comprising:  
3 a first sub-screen displaying a first area of image data;  
4 a main screen displaying a part of said first area with  
5 enlargement;  
6 a second sub-screen displaying a second area which is  
7 adjacent to said first area;  
8 a first sub-screen image window for displaying an area  
9 displayed in said main screen with a display indicating frame on  
10 said first sub-screen;  
11 a main screen image window for moving said display  
12 indicating frame and said display area within said main screen in  
13 correspondence to an output representing movement of a pointing  
14 device as notified by said first sub-screen window, said first  
15 sub-screen window causing said display indicating frame to be  
16 moved within said first sub-screen while said pointing device is  
17 in dragging state; and  
18 a second sub-screen image window for displaying said display  
19 indicating frame in said second sub-screen when said pointing  
20 device has moved said display indicating frame by dragging it  
21 into said second sub-screen.

Sub Cl 1 2. A window display device which displays image data having a  
2 page delimiter on a display screen, comprising:  
3 a first sub-screen displaying a first area of image data in  
4 a sub-screen column;  
5 a main screen displaying a part of said first area with  
6 enlargement;  
7 a second sub-screen displaying in said sub-screen column a  
8 second area which is adjacent to said first area;  
9 a first sub-screen image window for displaying a reduced  
10 image of a page which is currently displayed on said main screen  
11 with said area displayed in said main screen indicated by a  
12 display indicating frame;  
13 a main screen image window for moving said display  
14 indicating frame and said display area within said main screen in  
15 correspondence to an output representing movement of a pointing  
16 device as notified by said first sub-screen window, said first  
17 sub-screen window causing said display indicating frame to be  
18 moved within the same page while said pointing device is in  
19 dragging state;  
20 a second sub-screen image window for displaying said display  
21 indicating frame in said second sub-screen when said pointing  
22 device has moved said display indicating frame by dragging it  
23 into said second sub-screen;

24 a display screen parent window operative when said pointing  
 25 device has dropped said display indicating frame at an arbitrary  
 26 place on said second screen to which said pointing device moved,  
 27 for switching said main screen to the page to which said pointing  
 28 device moved and displaying the place indicated by said display  
 29 indicating frame in said main screen; and

30 a sub-screen parent window for scrolling said sub-screen so  
 31 that the sub-screen of the page displayed on said main screen  
 32 comes to a predetermined position of said sub-screen column.

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3. The window display device of Claim 2 in which said sub-  
 screen parent window scrolls said sub-screen so that the sub-  
 screen of the page displayed on said main screen comes to  
 substantially the central position of said sub-screen column.

1 4. A window display method of displaying image data on a  
2 display screen of a display device having a first sub-screen  
3 displaying a first area of image data, a main screen displaying a  
4 part of said first area with enlargement and a second sub-screen  
5 displaying a second area which is adjacent to said first area,  
6 said window display method comprising the steps of:

7 displaying an area displayed in said main screen with a  
8 display indicating frame on said first sub-screen;

9 moving said display indicating frame and the display area  
10 within said main screen in correspondence to the movement of a  
11 pointing device which causes said display indicating frame to be  
12 moved within said first sub-screen while said pointing device is  
13 in dragging state; and

14 displaying said display indicating frame in said second sub-  
15 screen when said pointing device has moved said display  
16 indicating frame by dragging it into said second sub-screen.

Sub C22 5. A window display method of displaying image data having a page delimiter on a display screen of a display device having a main screen displaying a part of a page with enlargement, a first sub-screen displaying the image of that page in a sub-screen column and a second sub-screen displaying one or more second areas which is adjacent to said page, said window display method comprising the steps of:

displaying a reduced image of a page which is currently displayed on said main screen with the area displayed in said main screen indicated by a display indicating frame;

moving said display indicating frame and said display area within said main screen in correspondence to the movement of a pointing device which causes said display indicating frame to be moved within the same page while said pointing device is in dragging state;

displaying said display indicating frame in said second sub-screen when said pointing device has moved said display indicating frame by dragging it into said second sub-screen;

switching said main screen to the page to which said pointing device moved to display the place indicated by said display indicating frame in said main screen when said pointing device has dropped said display indicating frame at an arbitrary place on said second screen to which the pointing device moved to

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24 display the place indicated by said display indicating frame in  
25 said main screen; and  
26 scrolling said sub-screen so that the sub-screen of the page  
27 displayed on said main screen comes to a predetermined position  
28 of said sub-screen column.

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1 6. A recording medium recording a display control program for  
2 operating a computer system having a display device for  
3 displaying image data on a display screen of said display device,  
4 said display control program causing said computer system to:  
5 display a first sub-screen displaying a first area of image  
6 data;  
7 display a main screen displaying a part of said first area  
8 with enlargement;  
9 display a second sub-screen displaying a second area which  
10 is adjacent to said first area;  
11 display the area displayed in said main screen on said first  
12 sub-screen with a display indicating frame;  
13 move said display indicating frame and said display area  
14 within said main screen in correspondence to the movement of a  
15 pointing device which causes said display indicating frame to be  
16 moved within said first sub-screen while said pointing device is  
17 in dragging state; and  
18 display said display indicating frame in said second sub-  
19 screen when said pointing device has moved said display  
20 indicating frame by dragging it into said second sub-screen.

Sub CB 1 7. A recording medium recording a display control program for  
 2 operating a computer system having a display device for image  
 3 data having a page delimiter on a display screen of a display  
 4 device, said display control program causing said computer system  
 5 to:

6 display a main screen displaying a part of a page with  
 7 enlargement:

8 display first sub-screen displaying the image of that page  
 9 in a sub-screen column;

10 display a second sub-screen displaying one or more second  
 11 areas which is adjacent to said page in said sub-screen column;

12 display a reduced image of a page which is currently  
 13 displayed on said main screen with the area displayed in said  
 14 main screen indicated by a display indicating frame;

15 move said display indicating frame and said display area  
 16 within said main screen in correspondence to the movement of a  
 17 pointing device which causes said display indicating frame to be  
 18 moved within the same page while said pointing device is in  
 19 dragging state;

20 display said display indicating frame in said second sub-  
 21 screen when said pointing device has moved said display  
 22 indicating frame by dragging it into said second sub-screen;



